## ZAKHAROVA-ATABEKYAN, L.V.

Revision of the classification of the Globotrumcanidae and a proposal for a new genue Planogyrina gen.nov. Dokl. AN Arm SSR 32 no.1 '61. (MIRA 14:3)

1. Predstavleno chlenom-korrespondentom AN Armyanskoy SSR A.A. Gabriyelyanom.

(Foraminifera, Tossil)

	41 A 1277 A		, T. W	÷ .	
-	ZAKHA	Conflicting upper Creta	- winions on the	borders of some stages in the INII no.29:230-232 vol.3 '61. (MIRA 14	;9)
			(Geology, S	tratigraphic)	,,
				0.9.	
					•

RENGARTEN, Vladimir Pavlovich (1882-1964); ZAKHA.OVA-ATABEKYAN, L.V., otv. red.

[Key sections of Upper Cretaceous sediments in Daghestan]
Opornye razrezy verkhnemelovykh otlozhenii Dagestana. Moskva, Nauka, 1965. 98 p. (MIRA 18:9)

ZVYAGINTSEV, O.Ye.; ZAKHAROV-NARTSISSOV, O.I.

Distribution of cyanosuric (I) acid between aqueous solutions and some alcohols and ketones. Zhur.neorg.khim. 5 no.1:124-130 Ja '60. (MIRA 13:5)

1. Moskovskiy ordena Lenina khimiko-tekhnologichaskiy institut im. D.I.Mendeleyeva.
(Cyanoauric acid)

EVYAGINTSEV. O.Ye.: ZAKHAROV-HARTSISSOV, O.I.; OCHKIN, A.V.

Solvation and polymerization of cyanoaurice acid in aqueous solutions. Zhur.neorg.khim. 5 no.1:131-138 Ja '60.
(MIRA 13:5)

1. Moskovskiy ordena Lenina khimiko-tekhnologicheskiy institut im. D.I. Mendeleyeva. (Cyanoauric acid)

SHERLE, Z., dotsent; ZAKHARTSEV, V., inzh.; GLADSHEV, A., inzh.

Transportation of phosphate meal. Rech. transp. 24 no.7: 16-18 '65. (MIRA 18:8)

1. Gor'kovskiy institut inzhenerov vodnogo transporta (for Gladyshev).

KIMEL'NITSKAYA, Vera Vladimirovna; FEDIN, F.Ye., otv. red.; ZAKHARUTINA, G., red.

的,我们也是我们的实力,但是我们还会还是自己的是没有的。 第一个

[Group system of raising dam-suckled calves in the Maritime Territory] Podsosno-gruppovoe vyrashchivanie molodniaka v Primorskom krae. Vladivostok, Primorskoe knizhnoe izd-vo, 1962. 37 p. (MIRA 17:4)

	ZAKHARYAN,	Λ.							
•			the loadi Promarm. (Armeni	ng, unlo 5 no.6:24- a-Materia	ading and 28 Je •62. ls handlin	l stacking	operations (M	s in IRA 15:7)	

# ZAKHARYAN, A. Improve atmospheric air purification from industrial pollution, Prom.Arm. 5 no.10:16-18 0 '62. (MIRA 15:11) 1. Gosudarstvennyy kontrol' Armyanskoy SSR. (Armonia—Air—Purification)

ZAKHARYAN, A., inzh.

Labor productivity and potentislities for its increase in enterprises of the Azmenian Economic Council. Prom.Arm.
4 no.10:13-17 0 '61. (MIRA 14:11)

(Armenia...labor productivity)

ZAKHARYAN, A., inzh.

Improve the quality of electric fittings and appliances for public consumption. Prom.Arm. 4 no.3:11-14 Mr '61.

(MIRA 14:6)

(Armenia—Electric apparatus and appliances)

ZAKHARYAN, A.B.

Some indices of the peripheral blood under the conditions of Mount Aragats. Dokl. AN Arm. SSR 36 no.1:59-66 '63. (MIRA 17:1)

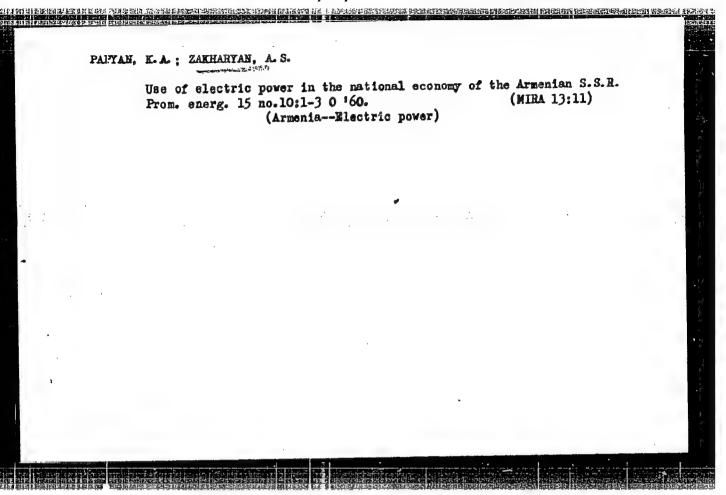
1. Fizicheskiy institut AN Armyanskoy SSR. Predstavleno akademikom AN Armyanskoy SSR G.Kh. Bunyatyanom.

ZAKHARYAN, B.P. DEMIRCHOGLYAN, G.G.; ZAKHARYAN, A.P. Effect of electric (pain) stimulation of the skin on the functional properties of the retina. Dokl. AN Arm. SSR 18 no.4:125-128 154. (MIRA 8:3) 1. Institut fiziologii Akademii nauk Armyanskoy SSR. Predstavleno G.Kh.Bunyatyanom.
(Retina) (Receptors (Neurology))

### ZAKHARYAN, A.P.

Excretory processes in the stomach of irradiated dogs operated on by Pavlov's and Heidenhain's methods. Izv. AN Arm. SSR. Biol. nauki 17 no.10:85-92 0 164. (MIRA 18:8)

1. Kafedra fiziologii cheloveka i zhivotnykh biologicheskogo fakuliteta Yerevanskogo gosudarstvennogo universiteta.



	L 11582-66 EWT(m)/EWP(J) DJ/RM
	AP5028888 SOURCE CODE: UR/0316/65/000/004/0003/0005  Akhmedzade, D. A.; Yasnopol'skiy, V. D.; Zakharyan, A. S.; Hagerramova, A. D.
ORG: I	NKhP AN AzerbSSR
with lo	Thickening of low viscosity lubricating oils by the addition of polypropylene w molecular weight
SOURCE:	Azerbaydzhanskiy khimicheskiy zhurnal, no. 4, 1965, 3-5
ABSTRAC	iscosity additive  T: The possibility of replacing polyisobutylene by low molecular weight polyne as a thickening additive for lubricating oils is examined. The polyisobu-
propyle tylene polypro mal per	and polypropylene used in this study had a molecular weight of 20,000. The pylene was a by-product of propylene polymerization and was extracted with nortane at low and high temperatures. Thickening effectiveness was examined by
propyle tylene polypro mal per mixing additiv inducti polyiso	and polypropylene used in this study had a molecular weight of 20,000. The

AKHMEDZADE, D.A.; YASNOPOLISKIY, V.D.; ZAKHARYAN, A.S.; MAGERRAMOVA, A.D.

Thickening of low viscosity lubricating oils with low molecular polypropylene. Azerb.khim.zhur. no.4:3-5 '65.

(MIRA 18:12)

经共享转换 1元 12日中华中华特别的美国中华的通过的特别的英国共和国的特别的特别的特别的特别的国际中国共和国的国际中国共和国的

1. Institut neftekhimicheskikh protesessov AN AzSSR. Submitted July 21, 1964.

### ZAKHAHYAN, A.V.

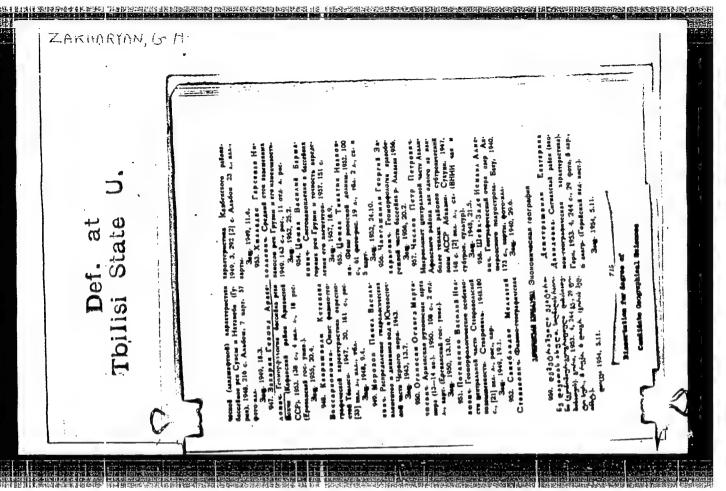
Preparation for and conduction of mass smallpox vaccination in Iraq with aid from the Soviet Uhion. Vop. virus. 6 no.6:733-735 N-D '61. (MIRA 15:2)

1. Sanitarno-epidemiologicheskoye upravleniye Ministerstva zdravookhraneniya Armyanskoy SSR, Yerevan. (IRAQ\_SMALIPOX\_PREVENTION) (MEDICAL ASSISTANCE, RUSSIAN)

ZAKHARYAN, G. A.

ZAKHARYAN, G. A. -- "Types of Peat Deposits in Armenia and Their Geological Occurrence." Min Higher Education USSR. Moscow Peat Inst. Moscow, 1955. (Dissertation for the Degree of Candidate of Technical Sciences.)

SO: Knizhnaya Letopis', No 5, Moscow, Feb 1956



ZAKHARYAN, G.P., kand.tel'skokhozyaystvennykh nauk

Increasing the nutrition of straw and other feeds by chemical treatment and its effect on the productivity of farm animals.

Trudy Arm. nauch.-issl. inst.zhiv. i vet. 4:71-80 '60.

(MIRA 15:5)

(Straw as feed) (Minerals in food)

22286

\$/152/61/000/004/009/009 B126/B219

15 5540

AUTHORS:

2205 1372

Mekhtiyev, S. D., Akhmedzade, D. A., Yasnopol'skiy, V. D., Zakharyan, G. S.

TITLE:

The action of sulfuric acid on dinitrile of terephthalic acid

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Neft' i gaz, no. 4, 1961. 121-122

TEXT: The authors learned from patent literature (Ref.2, Magat E., Chem. Abs., v. 47, no. 10, 5129, 1953) that on treatment with sulfuric acid, equimolecular quantities of the dinitriles of aliphatic and aromatic acids with disecondary alcohols form polyamides suitable for fiber preparation. It was therefore decided to test this method in the reaction of terephthalic nitrile with ethylene glycol. The experiment was carried out according to the instructions of the patent, i.e. 1 g terephthalic nitrile and 1.5 g ethylene glycol were filled into a flask, and then 9 g concentrated sulfuric acid were added. After 24 hr, the acid was poured into ice water, the polymeric precipitate was rinsed and air-dried. A

white powdery substance was obtained which neither melted nor softened up

Card 1/2

22286

\$/152/61/000/004/009/009 B126/B219

The action of sulfuric ...

to 305°C. An analysis gave a composition of 67.20% C; 4.51% H; 19.10% N. Experiments without ethylene glycol yielded similar substances, which indicates that ethylene glycol does not participate in the formation of these substances and that the latter originate from the action of sulfuric acid on the dinitrile. The properties and composition of the substance permit concluding that it is a highly molecular polymerization product. Through the action of sulfuric acid, the hydration of only one nitrile group took place first: NC -  $C_6H_A$  - CN +  $H_2O\rightarrow$ NC -  $C_6H_A$  - CONH<sub>2</sub>, and afterwards the polymerization of the obtained amidonitrile. The partial hydrolysis of dinitrile had been observed before by M. N. Bogdanov as well as by Ye. N. Zil'berman and A. Ye. Kulikova. There are 6 references: 5 Soviet-bloc and 1 non-Soviet-bloc. The reference to the Englishlanguage publication reads as follows: Magat E.Chem.Abs., v. 47, no. 10, 5129 (1953).

ASSOCIATION: Azerbaydzhanskiy institut nefti i khimii im. M. Azizbekova i INKhP AN Azerbaydzhanskoy SSR (Azerbaydzhan Institute of Petroleum and Chemistry imeni M. Azizbekov and INKhP AS Azerbaydzhan SSR)

SUBMITTED:

February 15, 1961

Card 2/2

USSR/Farm Animals - Cattle

Q.

Abs Jour

: Ref Zhur - Biol., No 15, 1958, 69319

Author

Zakharyan, G.P., Avakyan, Z.L.

Inst

: Armenian Scientific Research Institute of Animal

Husbandry and Veterinary Medicine

Title

: On the Mineral Feed Supplementation of Lactating Cows

during the Pasture Period

Orig Pub

: Byul. nauchno-tekhn. inform. Arm. n.-i. in-ta zhivotno-

vodstva i veterinarii, 1957, No 1, 7-11

Abstract

: One group of cows received from 55 to 100 g of carbide slime per head, daily, in addition to pasture and concentrates, and another group served as a control. It was found that mineral supplementation in the 1st group

improved the character of the lactation curve.

Card 1/1

USSR/Form Animsls - Small Horned Stock

Q.

Abs Jour : Ref Zhur - Biol., No 15, 1958, 69344

Author : Zakharyan, G.P., Arutyunyan, V.A., Davtyan, G.G.

Inst : Armenian Scientific Research Institute of Amiral

Husbandry and Veterinary Medicine

Title : Utilization of Tobacco Stems as Feed for Farm Animals

Orig Pub : Tr. Arm. n.-i. in-ta zhivotnovodstva i veterinarii,

1957, 2, 143-152

Abstract : It was established that tobacco stems by their chemical

composition are close to basic silage crops and ensile well. Feeding them to pregnant and nursing ewes, 1-1.5 kg per head, daily, had no harmful effect. The content of alkaloids in the silage diminished 2-2.5 times as compared with initial raw material, and the treatment of

silage with carbide slime reduces their content 3-7 times.

Card 1/1

ZAKHARYAN, G.P.

Increasing the nutritive value of straw and concentrated feeds by chemical and biological treatment and its effect on the productivity of farm animals. Dekl, AN Arm. SSR 11 no.2:73-80 '49. (MIRA 9:10)

1.Institut shivetnevedstva Akademii nauk Armyanskey SSR, Yerevan. Predstavlene S.K.Karapetyanem. (Feeding and feeding stuffs) (Chemical industries--By-preducts)

# ZAKHARYAN, Kh.A.

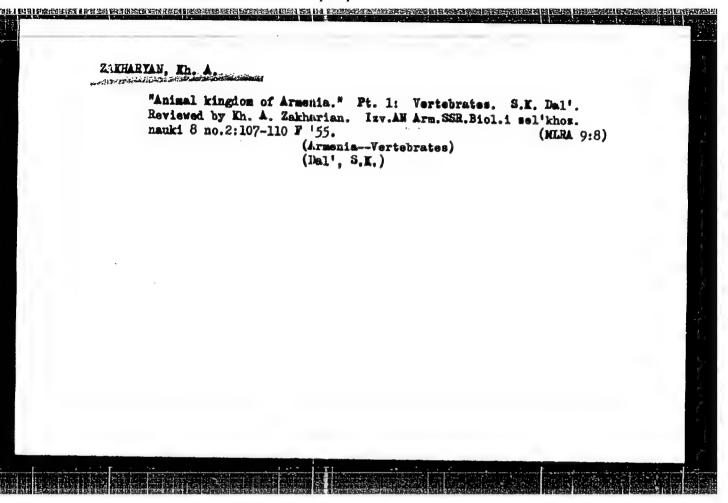
Data on the nutrition and economical significance of the fox in the Armenian S.S.R. Izv.AN Arm. SSR.Biol.i sel'khoz.nauki. 4 no.5: 459-471 '51. (MLRA 9:8)

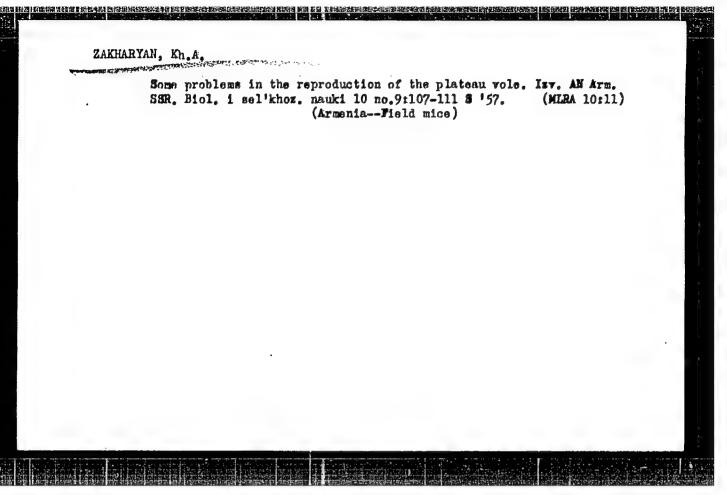
1. Institut fitopatologii i soologii Akademii nauk Armyanskoy SSR. (Armenia--Foxes)

DAL', S.E.; ZAKHARYAN, Kh.A.

Survey of the populations of main rodent pests of agricultural crops. Izv.AH Arm. SSR. Biol. i sel'khoz. nauki 4. no.8:757-763 '51. (MLRA 9:8)

1. Institut fitopatologii i zoologii Akademii nauk Armyanskoy SSR. (Armenia--Rodentia)





ZAKHARYAN, Kh.A., Cand Bio Sci—(diss) picrotus socialis schidlovekii Arg.) in the Armenian SSR. (Biology and measures) of combatting it)." Yerevan, 1958. 21 pp (Saratov State im N.G. Chernyshevskiy), 150 copies (KL, 30-58, 125)

-47-

结性,所以外的活体多类的中华。"个社会不同"。"企会主要特别的经验的企业和企业的经验,所以研究。由于"大利亚克"的联系的主义,在这种主义的企业的主要的政治的企业的企业的企业的企业的企业。

ZAKAHRYAN. Kh.A.

Systematics of Microtus guentheri schidlovskii Arg. Dokl. AN Arm. SSR 26 no.2:125-128 '58. (MIRA 11:5)

1.Zoologicheskiy institut Akademii nauk Armyanskoy SSR. Predstavleno G.Kh. Bunyatyanom.

(Armenia—Field mice)

ZAKHAR'YAN, M.

Intensifying photographic images by the use of a mirror. Izv.

AN Turk. SSR no.5:151 '57. (MIRA 10:10)

1.Institut fiziki i geofiziki AN Turkmenskoy SSR.
(Astronomical photography)

£ 39920=06 EMF (m) ACC NR: AP6029377 SOURCE CODE: UR/0427/66/019/002/0071/0078 AUTHOR: Zakharyan, R. A.; Bayev, A. A. ORG: Institute of Molecular Biology, AN SSSR, Moscow (Institut molekulyarnoy biologii AN SSSR) TITLE: Analytic column chromatography of preparations of transport RNA SOURCE: Biologicheskiy zhurnal Armenii, v. 19, no. 2, 1966, 71-78 TOPIC TAGS: chromatographic analysis, RNA, mouse, rat, biochemistry, liver ABSTRACT: Methacrylic acid and aminoethyl cellulose columns were tested with good results in measuring the high-polymer RNA ingredient in preparations of transport RNA (tRNA). The phenol-cetavlon (cetyltrimethyl-ammonium bromide) method was found suitable for obtaining tRNA from the liver of mice and rats. High polymer RNA ingredients of tRNA preparations were not detected by chemical methods. Both columns made it possible to detect reliably the high-polymer RNA ingredients in tRNA preparations. Fractionation with 1 M NaCl yields tRNA preparations free of high polymer RNA, which may run as high as 15% in tRNA preparations obtained from yeasts. Orig. art. has: 4 figures. [JPRS: 36,932] SUB CODE: 06 / SUBM DATE: 06Sep65 / ORIG REF: 007 / OTH REF: 008 Card 1/1

OGANESYAN, S.Z., kand.med.nauk; SARKISYAN, Yo.Kh., kand.med.nauk; ZAKHARYAN, R.M.

Diagnostic value of impressions in integumentary cancer. Vop. rent.i onk. 6:325-328 '61. (MIRA 16:2)

ZAKHARYAN, R. O.

Zakharyan, R. O.

"Errors in Grinding Spiral Drills and Their Effect on the Drilling Process."

Min Higher Education USSR. Yerevan Polytechnic Inst imeni K. Marks. Yerevan, 1955.

(Dissertations for the Degree of Candidate in Technical Sciences).

SO: Knizhnaya Letopis', No 27, 2 July 1955

### ZAKHARYAN, R.O.

Errors in grinding and setting of spiral drills. Shor.nauch. trud. ErPi no.10:53-71 '56. (MLRA 9:12)

1. Kafedra tekhnologii mashinostroyeniya Yerevanskogo politekhnicheskogo instituta. (Drilling and boring)

ZAKHARYAN, Ruben Oganesovich; ARUTYUNYAN, S.B., red.; GALSTYAN, V., tekhn.red.

[Probability calculations in the selection of fits for mated machine parts] Veroiatnostnye raschety pri vybore posadok v sopriazheniiakh mashin. Erevan, Aipetrat, 1962. 58 p.

(MIRA 15:12)

(Machinery-Design)

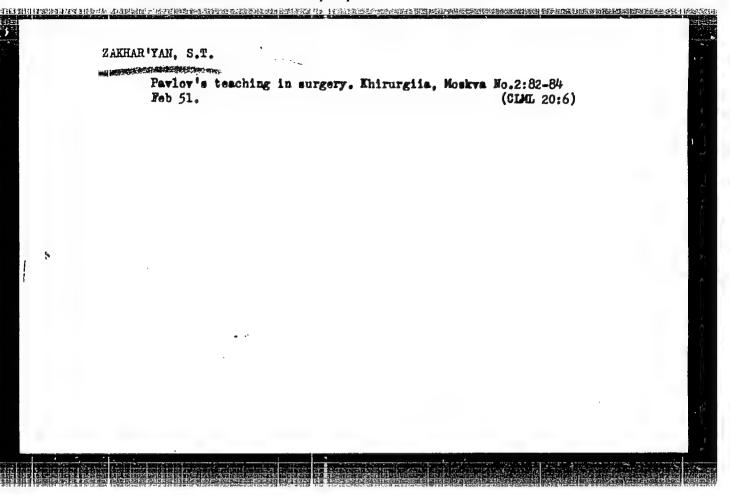
DAVYDOV, B.E.; ZAKHARYAN, R.Z.; KARPACHEVA, G.P.; KRENTSEL', B.A.; LAPITSKIY, G.A.; KHUTAREVA, G.V.

Disarrangement of complanarity and conjugation in orgstalforming polymers. Dokl. AN SSSR 160 no.3:650-653 Ja 165. (MIRA 18:3)

1. Institut noftekhimicheskogo sinteza im. A.V. Topchiyeva AN SSSR. Submitted July 14, 1964.

LINITSKAYA, L., inzh.; ZAKHARYAN, S., inzh.

Eliminate aubstantial shortcomings ir the textile industry of the Republic. Prom. 17 no.1:33-36 Ja '64. (MIRA 17:4)



GRIGOR'YEV, N.I.; ZAKHAR'YAN, S.T., redaktor; ROTERMEL!, R.P., tekhnicheskiy redaktor

的。 1995年,1917年,1918年

[Surgical therapy of nonpenetrating wounds of the heart, the pericardium and the mediastinum] Operativnoe lechenie slepykh ranenii serdtsa, perikarda i sredosteniia. Moskva, Gos. izd-vo med. lit-ry, 1953. 135 p. [Microfilm] (MLRA 7:10) (Heart-Surgery)

(Mediastinum--Surgery)

IAKHAR'YON, St.

DZHANELIDZE, Yu.Yu.; BAKULEY, A.N., redektor; ZAKHAR'YAH, S.T., redektor; ROTERHEL', R.P., tekhnicheskiy redektor

[Gollected works] Sobranie sochinenii. Moskva, Izd-vo Akademii meditsinskikh nauk SSSR. Vol.2. [Surgery of the heart and major vessels] Khirurgiia serdtsa i krupnykh sosudov. Red. A.N.Bakilev. 1953. 543 p. (MIRA 10:2)

(HRART--SURGERY)

MESHALKIN, Yevgeniy Nikolayevich; ZAKHAR'YAN, S.T., redaktor; SENCHILO, K.K., tekhnicheskiy redaktor:

[Catheterization and contrast study of the heart and main vessels]
Zondirovanie i kontrastnoe issledovanie serdtsa i magistral'nykh
sosudov. Moskva, Gos. izd-vo med. lit-ry, 1954. 355 p. (MIRA 7:11)
(CARDIOVASCULAR SYSTEM--RADIOGRAPHY)

L'VOV, Aleksey Nikolayevich; ZAKHAR'YAN, S.T., redaktor; GLUKHOYEDOVA, G.A., tekhnicheskiy redaktor

[Mchinococcus of the lungs and surgical therapy] Mchinokokkos legkikh i ego khirurgicheskos lechenie. Noskva, Gos. izd-vo med. lit-ry.

1956. 217 p.

(LUEGS--HYDATIDS)

### 

PRESSMAN, L.P., doktor med. nauk, red.; MAKHOV, N.I., prof. red.; ZAKHAR YAN, N.T., at. nauchn. sotr., red.; BRYK, V.Ye., and. med. nauk, red.; ZAVRAZHIN, N.M., red.; KAYEVITJER, I.M., red.; SMIRHOV, B.V., red.; MUSHFAL, M.A., kand. med. nauk, red.

[Problems of practical medicine] Voprosy prakticheskoi meditsiny; sbornik trudov. Moskva, 1963. 254 p. (MIRI. 17:9)

1. Moscow. Moskovskiy oblastnoy nauchno-issledovate' skiy institut imeni M.F.Vladimirskogo. 2. Zaveduyushchiy Pervoy khirurgicheskoy klinikov Moskovskogo oblastnogo nauchno-issledovatel'skogo klinicheskogo instituta im. M.F.Vladimirskogo (for Makhov).

ZAKHAR'YAH, S.T., kand.med.nauk (Moskva, Moskvorechenskoye p/o, d.102, kv.2)

Ligation of the internal thoracic arteries in a patient with stenccardia and stomach cancer. Vest.khir. no.6:107-108 '61.

(MIRA 15:1)

1. Iz 1-y khirurgicheskoy kliniki (zav. - doktor med.nauk N.I. Makhov) Moskovskogo oblastnogo nauchno-issledovatel¹skogo klinicheskogo instituta. (ANGINA PECTORIS) (STOMACH-CANCER) (THORACIC ARTERY)

ZAKHAR'YAN, S.T., starshiy nauchnyy sotrudnik

Obstruction of the meseteric vessels (thromboembolic form).

Khirurgiia no.11:46-53 '61. (MIRA 14:12)

1. Iz 1-go khirurgicheskogo otdeleniya (zav. - doktor med.nauk N.I. Makhov) Moskovskogo oblastnogo nauchno-issledovatel'skogo instituta imeni M.F. Vladimirskogo. (MESENTERY-BLOOD SUPPLY) (THROMBOSIS)

### ZAKHAR'YAN, S.T.

Surgical treatment of coronary insufficiency. Vop. klin. pat. no.3:71-77 '61. (MIRA 14:12)

1. Iz I Khirurgicheskoy kliniki (zaveduyushchiy dotsent N.I.Makhov) Moskovskogo oblastnogo nauchno-issledovatel'skogo instituta imeni M.V.Vladimirskogo. (CORONARY HEART DISEASE)

ZAKHAR'YAN, S.T.

Materials on the surgical treatment of heart wounds. Vop. klin. pat. no.3:115-120 '61. (MFA 14:12)

1. Iz Kolomenskoy bol'nitsy Leningskogo rayona Moskovskoy oblasti. (HEART\_WOUNDS AND INJUNIES)

PANOSYAN, A.K.; ARUTYUNYAN, R.Sh.; AVETISYAN, N.A.; ZAKHARYAN, S.V.

Interrelation between azotobacters and other soil migroorganisms. Izv. AN Arm. SSR. Biol. nauki 15 no.2:13-24 '62.

(MIRA 15:3)

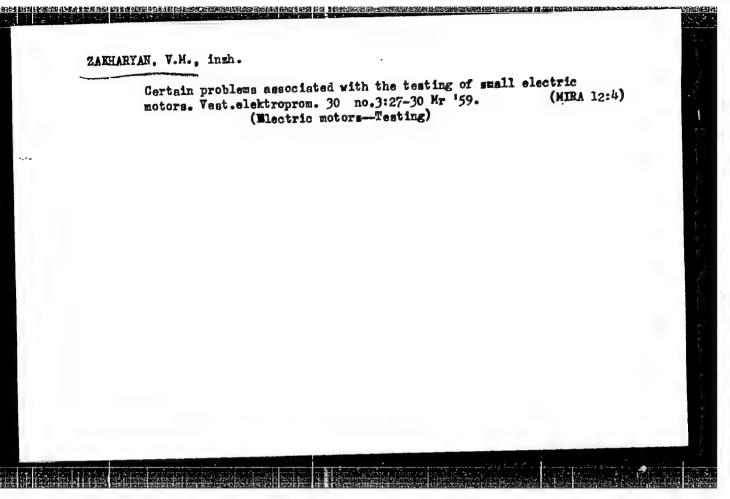
1. Institut mikrobiologii AN Armyanskoy SSR.

(AZOTOBACTER)

(SOIL MICRO-ORGANISMS)

	1- 29134-65 EPA(s)-2/ENT(m)/EFF(c)/ENP(j)/T Pc-4/Pt-4/Pt-10 RM ACCESSION NR: AP5005899 6/0020/65/160/003/0650/0653	
	AUTHOR: Davydov, B. E.; Zakharyen, R. Z.; Karpacheva, G. P.; Krentuel', B. A.; Lapitskiy, G. A.; Khutareva, G. V.  TITLE: Immairment of coplanarity and conjugation in crystallizing polymers 45	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	SOURCE: All SSSR. Doklady, v. 160, no. 3, 1965, 650-653  TOPIC TAGS crystallization, conjugation, conjugated polymer, organic semiconductor,	
The state of the s	ABSTRACT: A study has been made to determine to what extent crystallization gives rise to conjugation disruption due to impairment of coplanarity in conjugated rise to conjugation disruption due to impairment of coplanarity in conjugated rise to conjugate and how it affects their optical, paramagnetic, and	
A STATE OF THE STA	semiconducting properties. These properties were compared to polymeric Schiff bases. It was found that the properties which are typical of conpolymeric Schiff bases. It was found that the properties which are typical of conpulsated polymers are exhibited to a greater extent by amorphous than by crystalline polymers. Thus, in color, in IR spectra, and in the absence of EPR, crystalline polymers. Thus, in color, in IR spectra, and in the absence of EPR, crystalline	
	polyazines are similar to their malogs, similar correlation, but less marked, vas conjugated segments in the backbone. A similar correlation, but less marked, vas in evidence for the polymeric Schiff bases. This effect of crystallinity on conformal transfer of the polymeric Schiff bases.	

jugated-polymer properties was attributed to the impairment of coplanarity during crystallization. In thermal stability and activation energy for conduction, however, the crystalline polymers were closer to the amorphous ones. The effect of crystal—the crystalline polymers were closer to the amorphous ones. The effect of crystal—the crystalline properties was interpreted as being determined in each linity on semiconducting properties was interpreted as being determined in each individual case by changes in activation energy due to two competing processes occurring to crystallization: an increase in carrier mobility and a decrease in carrier concentration. Orig. art. has: 1 table.  [SM]  ASSOCIATION: Institute neftekhimichesk posintezs imeni A: V. Topchiyeva Akademii nauk SSSR (Institute of Petrochemical Synthesis, Academy of Sciences, SSSR)  SUMMITTED 30Jun64  ENCL: 00   SUB CODE: \$5,000  NO REF SO!: 000   OTHER: 000   ATD PRESS: 3197	L 29134-65 ACCESSION NR: AP5005899			The state of the s
SUPMITTED 30Jun64 ENCL: 00 SUB CODE: 55,0C  NO REF SO!: 000 OTHER: 000 ATD PRESS: 3197	crystallization. In thermal st the crystalline polymers were of linity on semiconducting proper individual case by changes in a occurring on crystallization: carrier concentration. Orig.	loser to the amorphous on ties was interpreted as b activation energy due to t an increase in carrier mo art; has: 1 table.	es. The effect of crystal- seing determined in each wo competing processes bility and a decrease in [SM]  A. V. Topchiyeva Akademii	and the first the second to th
NO REF SOIT: 000 DTHER: 000 ATD PRESS: 3197	nauk SSSR (Institute of Petroch	Jewiger Studiesrs Tycagen		
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SOV/110-59-3-6/25

AUTHOR: Zakharyan, V.M., Engineer

TITIE: Some Problems of Procedure in Testing Small Electric Motors (Nekotoryye voprosy metodiki ispytaniya malykh

Motors (Nekotoryye Vopiosy mo double 1993 to elektrodvigateley)

PERIODICAL: Vestnik Elektropromyshlennosti, 1959, Nr 3, pp 27-30 (USSR)

ABSTRAUT: In testing small electrical machines problems arise

because the power consumption of the measuring instruments used is commensurate with that of the machines. The question is reviewed in this article to overcome the confusion that can arise from the absence of a standardised test procedure. After an elementary

standardised test procedure. After an elementary discussion of the errors that occur during the simultaneous measurement of voltage, current and power it is stated that when the power of the motor being tested is such that the power consumption of the measuring circuits of either current or voltage can be neglected the measuring circuit with the least power consumption

should be connected directly to the terminals of the motor.
This method of connection is defined as the minimum

Card 1/4 consumption circuit. When the measured power is so small

SOV/110-59-3--6/25

Some Problems of Procedure in Testing Small Electric Motors

经上面时间,中的中国教育的主义是是中国,可以使马尔尔特,但他们主义是是一个人,但是一个人,但是一个人,他们是一个人,这个人,这个人,这个人,这个人,他们是一个人,

that it is not possible to ignore the power consumption of either of the measuring circuits the criterion for selecting the circuit should be convenience of making corrections for the instrument power consumption. Such a circuit is defined as a circuit with correction. The power consumption of d.c. instruments is so small that motors of a fraction of a watt can be tested without correction. Since current measuring circuits have the least power consumption the minimum consumption circuit The use of this circuit can will be that shown in Fig.1. give rise to considerable errors in the voltage measurement when testing small motors. The motor output below which the use of the minimum consumption circuit gives impermissible errors can be determined from data about the power consumption of current measuring instruments. Some of the necessary data is tabulated by way of example. The tabulated data was used to construct the curves given in Fig. 2 which give the instrument power consumption and the voltage drop in current measuring circuits as functions of the motor power. It will be seen that the minimum consumption circuit can be used

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SOV/110-59-3-6/25

Some Problems of Procedure in Testing Small Electric Motors

when testing motors of more than 120 W provided that the permissable error is 1%. The limitations of this recommendation are stated. Motors of less than 120 W should be tested by means of the circuit with corrections. It is easiest to correct for voltage measurement errors and accordingly the circuit of Fig. 3 is recommended. This figure also includes a vector diagram and an expression is given for the error that results from algebraic summation of the voltage and current measuring error. Fig. 3 includes a vector diagram and an expression is given to show when the phase angle between the current and voltage must be allowed for. The further precautions that must be taken when motors of very low output and low power factor are tested are then described with reference to the circuit diagram and vector diagram given in Fig.6. Correction formulae are given for this case. Various recently proposed methods of measuring low powers directly or indirectly are very briefly referred to. It is concluded that by classifying the connection diagrams for electrical measuring instruments in testing small electric motors and systematising the procedure of

Card 3/4

SOV/110-59-3-6/25

Some Problems of Procedure in Testing Small Electric Motors

making corrections for the power consumption of the instruments, it is possible to recommend a procedure for testing small motors which, because of its accuracy and simplicity, can be recommended as standard for testing all motors of less than 1 kW. There are 7 figures and 2 Soviet references.

Card 4/4

ZAKHARYAN, V.M., inzh.

Features of the calculation of the magnetic circuit of small electrical machines. Elektrotekhnika 34 no.12:62-71 D 163. (MIRA 17:1)

Certain problems concerning the methodology for testing small electric motors. Vest. elektroprom. 31 no.9:60-64 S '60. (MIRA 15:5)

(Electric motors...Testing)

ZAKHARYAH, V.M

SOV/112-58-1-463

Translation from: Referativnyy zhurnal, Elektrotekhnika, 1958, Nr 1,

pp 69-70 (USSR)

AUTHOR: Zakharyan, V. M.

TITLE: Unified Line of Small Electric Motors (Yedinaya seriya malykh elektrodvigateley)

PERIODICAL: V sb.: Raboty M-va elektrotekhn. prom-sti SSSR po mekhaniz. i avtomatiz. nar. kh-va, Z. M., 1956, pp 41-44

ABSTRACT: A unified line of fractional-hp electric motors of 5-600 w has the following rated capacities: 5, 10, 18, 30, 50, 80, 120, 180, 270, 400 and 600 w. The line consists of two sections: (a) squirrel-cage induction motors, three-phase (AOL) and single-phase (AOLB) in 60 types, and (b) commutator motors, including DC shunt motors (PL) and DC-AC motors (UL). Three-phase motors are built for nominal voltages 127/220 and 220/380 v; single-phase, for 127, 220 and 380 v. Three-phase motors are built with rated capacities of 50-400 w with four poles and of 80-600 w with two poles; single-phase, 30-270 w and 50-

Card 1/2

501/112-58-1-463

Unified Line of Small Electric Motors

400 w, respectively. The motors are of the enclosed-ventilated type. Shunt motors have rated speeds of 1,400 rpm with 50-400 w and 2,700 rpm with 30-600 w. AC-DC motors have 2,700 rpm with 5-400 w (04-08 sizes), 5,000 rpm with 5-400 w (02-07 sizes), and 8,000 rpm with 10-600 w (02-07 sizes). Shunt motors are built for voltages 110-220 v, AC-DC motors for 127 vAC and 110 vDC or for 220 v, AC and DC. They are of the protected type. Manufacture of smaller motors, single-phase from 5 w up and three-phase up to 18 w, is envisaged.

A.G.K.

AVAILABLE: Library of Congress

1. Electric motors--Design

Card 2/2

ZAKHARYAN, V.S. (Yerevan)

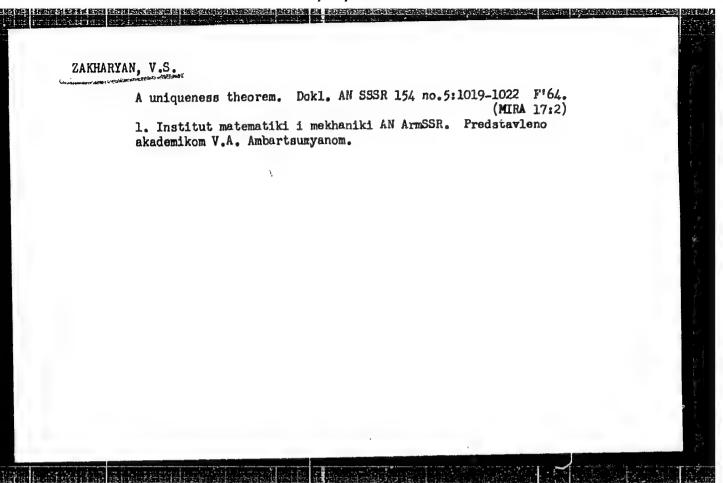
Uniqueness theorems for certain classes of functions holomorphic in a circle. Mat. sbor. 63 no.1:3-22 Ja 164. (MIRA 17:3)

ZAKHARYAN, V.S.; NAZARYAN, E.O.

Complete radial variation of one class of harmonic functions:
Dokl. AN Arm. SSR 41 no.2:65-72 '65. (MIRA 18:11)

1. Institut matematiki 1 mekhaniki AN ArmSSR i Yerevanskiy gosudaratvonnyy universitat. Submitted March 11, 1965.

# ZAKHARIAN, V.S. Radial limit values of a class of functions meromorphic in a circle. Izv. AN SSSR. Ser. mat. 27 no.4:801-818 J1-Ag '63. (MIRA 16:8) 1. Yerevanskiy gosudarstvennyy universitet i Institut matematiki i mekhaniki AN Armyanskiy SSR. (Functions, Meromorphic)



ZAKHARYAN, V.S.

Uniqueness theorems for certain classes of functions meromorphic in a circle. Dokl. AN Arm. SSR 36 no.1:3-9 '63.

(MIRA 17:1)

1. Institut matematiki i mekhaniki AN Armyanskoy SSR.

Predstavleno akademikom AN Armyanskoy SSR M.M. Dzhrbashyanom.

### ZAKHARYAN, V.S.

Some boundary properties of functions analytic in a circle. Dokl. AN Arm. SSR 38 no.4:199-206 '64. (MIRA 17:6)

1. Institut matematiki i mekhaniki AN Armyanskoy SSR. Predstavleno akademikom AN Armyanskoy SSR M.M.Dzhrbashyanom.

### ZAKHARYAN, V.S.

Boundary limit values of a certain class of functions meromorphic in a circle. Dokl.AN Arm.SSR 35 no.1:3-11 \*62. (MIRA 15:8)

1. Institut matematiki i mekhaniki AN Armyanskoy SSR. Predstavleno akademikom AN Armyanskoy SSR M.M.Dzhrbashyanom. (Functions, Meromorphic)

### ZAKHAR'YAN, Z.S. assistent

Reaction of the cardiovascular system in brucellosis patients treated with ultrahigh-frequency electricity. Med.zhur.Uzb. no.7:24-28 Jl '58. (MIRA 13:6)

1. Iz Gosudarstvennogo nauchno-issledovatel skogo instituta kurortologii i fizioterapii imeni Semashko (nauchnyy rukovo-ditel prof. V.M. Faybushevich) i kafedry fakul tetskoy terapii sanitarno-gigiyenicheskogo i pediatricheskogo fakul tetov (zav. - prof. A.S. Melik-Karamyan) Tashkentskogo gosudarstvennogo meditsinskogo instituta.

(BHICHLOSIS) (GARDIOVASCULAR SYSTEM)

### ZAKHARYAN, V.S.

Time for budding fruit crops in the Ararat Valley. Isv.AW Arm. SEE. Biol.i sel'khoz.nauki. 5 no.2:61-69 '52. (MLRA 9:8)

1. Institut plodovodstva Akademii nauk Armyanskoy SSR.

(ARARAT ENGIGE--FRUIT CULTURE) (AUDDING)

- 1. BAL'YAN, G. A.; ZAKHARYAN, V. V.
- 2. USSR (600)
- 4. Cattle Feeding and Feeding Stuffs
- 7. Organizing rotation lot pasturing on the Molotov Collective Farm, Korm. baza, 3, No. 12, 1952.

9. Monthly List of Russian Accessions, Library of Congress, February 1953, Unclassified.

ZAKHAR'YAN, Z.S., assistent

Cardiovascular system in brucellosis patients treated with X rays.

Med.zhur.Uzb. no.1:28-33 Ja '59, (MIRA 13:2)

1. Iz Gosudarstvennogo nauchno-issledovatel skogo instituta kurortologii i fizioterapiii imeni N.A. Semashko (direktor - dotsent Ya.K. Muminov, nauchnyy rukovoditel - prof. V.N. Yaybushevich) i kafodry fakul tet-skoy torapii sanitarno-gigiyenicheskogo in pediatricheskogo fakul tetov (zaveduyushchiy - prof. A.S. Melik-Karamyan) Tashkentskogo gosudarstvennogo meditsinskogo instituta.

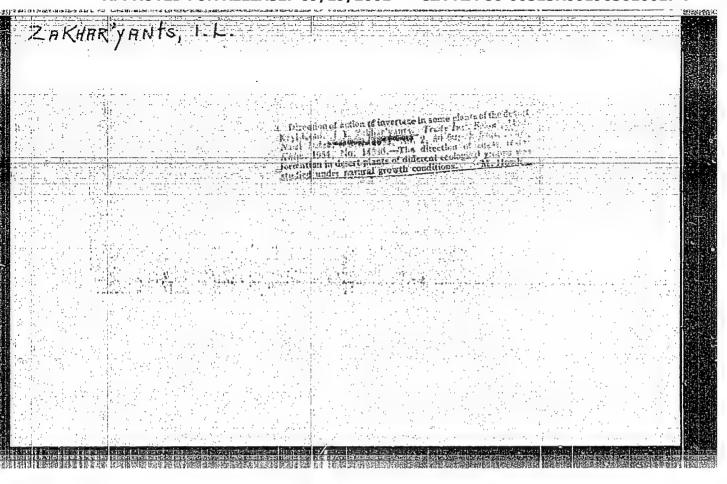
(CARDIOVASCULAR SYSTEM-DISEASES) (BRUCELLOSIS) (X RAYS)

ZAKHAR'YAN, Z. S., Cand of Med Sci -- (diss) "Cardio-vescular System in Frucellosis Patients, Treated by X-ray and Electrical Field UVCh. (Clinical-Electrocardiographic Data)," Tashkent, 1959, 15 pp (Tashkent State Medical Institute) (KL 4-60, 124)

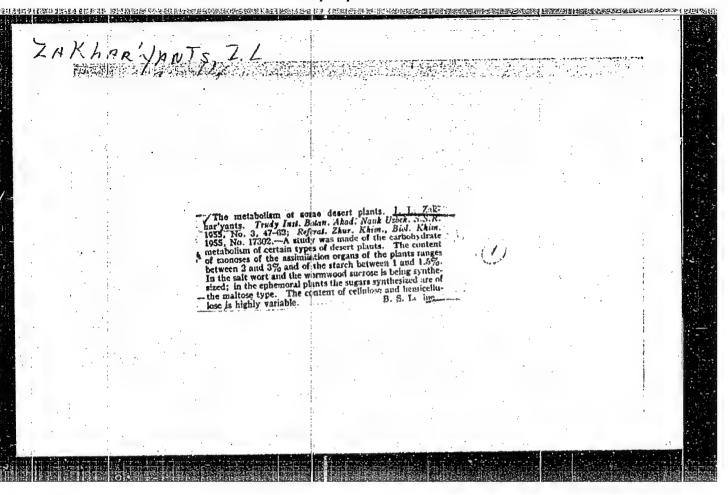
SHAKHSUVARYAN, L.V.; ZAKHARYAN, Zh.V.

Durability and deformability of a single-flayer mesonry of tuff stones with regular shape. Izv.AN Arm.SSR.Ser.tekh. nauk 15 no.5:67-76 '62." (MIRA 15:12) (Volcanic ash, tuff, etc.) (Masonry)

[1] 我们们是一个人的,这种自己的,我们可以是一个人的,我们就是一个人的人的人,我们就是一个人的人的人,我们也不是一个人的人,我们也不是一个人的人,我们们也不



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SHARDAKOV, V.S.; HUMW, V.I.; ZAKHAR'YANTS, I.L.

Nikolai Dmitrievich Leonov; obituary. Uzb.biol.zhur. no.6:91-92
(MIRA 12:1)

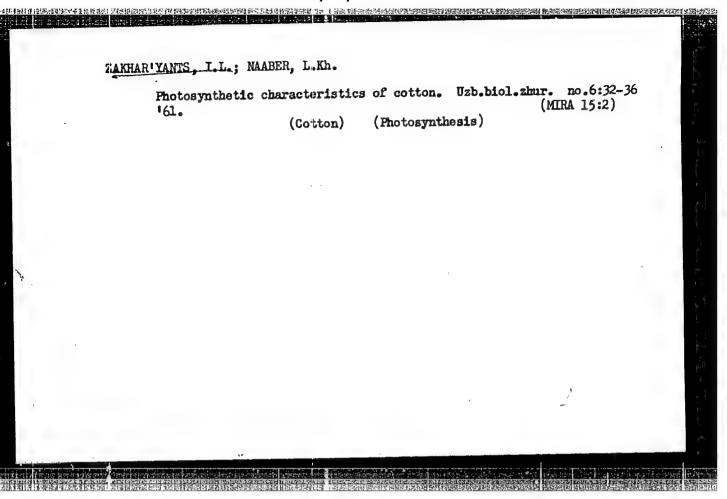
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(Leonov, Nikolai Dmitrievich, 1897-1958)

ZAKHAR!YANTH, I.L.; RAKHIMOV, G.

Rffect of gibberellin on the cotton plant. Uzb. biol. zhur. no.1:
28-31 '61.

1. Institut botaniki AN UzSSR.
(GIBBERELLIN) (COTTON)



NAABER, L.Kh.; ZAKHAR!YANTS, I.L.

Photosynthetic characteristics of ephermeral plants in southern Kyzyl Kum. Bot. zhur. 46 no.8:1116-1124 Ag '61. (MIRA 15:1) (Kyzyl Kum--Plants, Effect of light on) (Fhotosynthesis)

YESIFOVA, I.V.; ZAKHAR'YANTS, I.L.

Chromatographic analysis of sugars in some plants vegetating in winter in the southern Kyzyl Kum. Uzb.biol.shur. 6 no.6627-32 (MIRA 16:5) 1. Institut botaniki AN USSR. (KYZYL KUM—FLANTS—FROST RESISTANCE) (SUGARS)

ZAKHAR'YANTS, I.L.; IOHESOVA, A.S.,

Effect of assimilator accumulation on the photosynthesis in plants with various types of carbohydrate metabolism. Uzb. biol. zhur. 8 no.4:19-23 '64. (MIRA 18:7)

1. Institut botaniki AN UzbSSR.

ZAKHAR'YANTS, I.L.; ZAKIROV, M.Z.; ALEKSEYEVA, L.N.; BERDYKULOV, Kh.A.

Photosynthesis of some dominant plant species in the southwestern Kyzyl
Kum. Bot.shur. 49 no.11:1571-1583 N \*64.

(MIRA 18:1)

1. Institut botaniki AN Uzbekskoy SSR, Tashkent.

ZAKHAR'TANTS, M.S., inshener; (ARIN, H.A., inshener.

Device for eliminating "dead residue" from storage tanks.

Heftianik 1 no.7:27-28 J1 '56. (MLRA 9:11)

1. Krasnodarskiy neftesavod.

(Petroleum—Storage)

### ZARHAR YANTS, N.A.

Species and seasonal variations of the Phlebotomus population of Kokand. Med.paras. i paras.bol. 27 no.5:596-598 S-0 '58. (MIRA 12:1)

1. Is parasitologicheskogo otdela Kokadnskoy gorodskoy sanitarnoepidemiologicheskoy stantsii (glavnyy wrach R.Z. Levina, sav. otdelom B.A. Sharyukova). (INSECTS,

Phlebotomus, distribution in Russia, seazonal factor (Rus))

### ZAKHAR'YANTS, N.A.; MAKSUDOV, A.S.

Results of the malaria control campaign in the city of Kokand from 1940 to 1949. Med. zhur. Uzb. no.3:56-61 Mr '61. (MIRA 14:5)

l. Iz parazitologicheskogo otdela (zav. - E.A.Sharyukova) sanitarnoepidemiologicheskoy stantsii Kokandskogo goradravotdela. (KOKAND.-MALARIA.--PREVENTION)

## ZAKHAR! YANTS, N.A.

Data on the fall phenology of Anopheles maculipennis sacharovi in Kokand in Uzbekistan. Med.paraz.i paraz.bol. 24 no.1:11-18 Ja-Mr 155. (MERA 8:5)

1. Is Kokandskoy gorodskoy protivomalyariynoy stantsii (zav.stantsiyey A.H.Aliyev).
(ANOPHELES,

maculipennie, phenology during fall)

15-57-3-3385

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Referativnyy zhurnal, Geologiya, 1957, Nr 3, Translation from:

p 134 (USSR)

AUTHORS:

Blyumen, L. M., Stetsenko, N. N., Zakhar'yants, O. N.

TITLE:

Glazed Ceramic Facing Tile Made From Local Raw Material (Oblitsovochnyye glazurovannyye keramicheskiye plitki

na baze mestnogo syriya)

PERIODICAL:

Tr. In-ta antiseysmich. str-va AN SSSR, 1956, Nr.1, pp 74-104

ABSTRACT:

Clay and sandy clay deposits near Ashkhabad were tested

for possible use in the manufacture of facing tile. The chemical compositions of the initial clays are given in the Table (in percents). Usually ground limestone or chalk in quantities of 25 to 30 percent is introduced into the ceramic paste. Local sandy clays rich in car-

bonates are therefore used for their marl-producing effect (producing leanness). The Kalininskiye gliny (clays)

Card 1/2

might be used as the source of supply for the manufac-

15-57-3-3385

Glazed Ceramic Facing Tile (Cont.)

ture of ceramic tile. This material has been treated with low-melting (easily fusible) glaze, both white and colored, at a firing temperature no greater than 1000°.

Name of cley	sio <sub>2</sub>	Al <sub>2</sub> 0 <sub>3</sub> +Ti0 <sub>2</sub>	Fe <sub>2</sub> 0 <sub>3</sub>	CaO	Mg0	K <sub>2</sub> 0+ Na <sub>2</sub> 0	S03	Others	Total
Kalininskiy	63.52	15.38	4.44	4.44	4.53		0.85	6.11	99.27
Kelyatinskiy sample l	61.08	18.56	6.24	0.50	3.54	4.88	0.07	5.07	9.91
Sandy Clay	48.2	12.4	3.9	15.0	4.50	4.00	3.5		

Card 2/2 S. P. Sh.

DER'YAYEV, I.; ZAKHAR'YANTS, R.L.; ALLAKULIYEV, A.

Distribution of rheumatic fever among children in Ashkabad.
Zdrav. Turk. 7 no.11:18-20 N'63 (MIRA 17:3)

ZAKHAR'YANTS, Yu. Z.

"Functional Character of the Muscles of the Shoulder and Shoulder Region of Athletes of Different Categories." Cand Biol Sci, State Order of Lenin and Order of Red Berner Inst of Physical Culture imeni P. F. Lesgaft, Leningrad, 1954. (KL, No 5, Jan 55)

Survey of Scientific and Technical Dissertations Defended at USSR H igher Educational Institutions (12) SO: Sum. No. 556, 24 Jun 55

 ZHUKOV, Ye.K.; ZAKHAR YANTS, Yu.Z.

Synchronized rhythm of action potentials during muscular activity in man. Fiziol.zhur. 45 no.9:1053-1059 S 59. (MIRA 13:1)

1. Institut Fizicheskoy kul'tury im. P.F. Lesgafta, Leningrad. (ELECTROMYOGRAPHY)

ZHUKOV, Ye.K.; ZAKHAR'YANTS, Yu.Z.

Electrophysiological data on some mechanisms for overcoming fatique. Fiziol. Zhur. 46 no. 7:819-827 Jl '60. (MIRA 13:8)

1. From the Lesgaft Institute of Physical Culture, Leningrad. (FATIGUE) (ELECTROMYOGRAPHY)

Method for a complex electromyographic and biomechanical analysis of muscle work. Fiziol. Zhur. 46 no. 7:877-880 Jl '60.

(MIRA 13:8)

l. From the Chair of physiology of the Lesgaft Institute of Physical Culture, Leningrad.

(MUSCLES) (ELECTROMYOGRAPHY)

ZHUKOV, Ye.K.; ZAKHAR'YANTS, Yu.Z.

Physiological mechanisms of volitional actions. Vop. psikhol. 7
no.6:127-135 N-D '61. (HIRA 15:1)

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1. Kafedra fiziologii Instituta fizicheskoy kul'tury imeni P.F. Lesgafta, Leningrad. (Movement, Psychology of)

SOKOLOV, P.N.; ZHUKOV, Ye.K.; ZAKHAR'YANTS, Yu.Z.

Comparison of the skeletal peculiarities of the lower extremities in athletes with the electrophysiological properties of the muscles. Arkh. anat. gist. i embr. 40 no.2:42-48 F '61. (MIRA 14:5)

1. Kafedra anatomii (zav. - prof. A.A.Smirnov) i kafedra fiziologii (zav. - prof. Ye.K.Zhukov) Gosudarstvennogo ordena Lenina i ordena Krasnogo Znameni instituta fizicheskoy kulitury imeni P.F.Lesgafta. Adres avtora: Leningrad, ul. S.Perovskoy, 1/3, kv.80).

(EXTREMITIES, LOWER) (ELECTROMYOGRAPHY)

### ZAKHAR YANTS, Yu.Z.

Electromyographic characteristics of the activity of antagonistic muscles at various degrees of stretching. Nerv. sist. no.4: 183-186 '63. (MIRA 18:1)

1. Institut fizicheskoy kul¹tury, Leningrad.

### ZAKHAR'YANTS, Yu.Z.

Electromyographic characteristics of muscular work with various loads and rate of movement in humans, Fiziol.zhur. 50 no.6:716-726 Je 164. (MIRA 18:2)

l. Kafedra fiziologii Instituta fizicheskoy kul¹tury imeni Lesgafta, Leningrad.